

## 2018 - 2019 Old Dominion University Catalog

### Bachelor of Science in Chemistry -Teaching Licensure

*Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed. Consult with Advisor.*

YEAR 1 - FRESHMAN (34 CREDITS)				
FALL SEMESTER (17 credits)		SPRING SEMESTER (17 credits)		
<u>General Education Coursework:</u>		<u>General Education Coursework:</u>		
CHEM 121N & 122N	4	CHEM 123N & 124N or 125	4	
MATH 162M	3	MATH 163	3	
Information Literacy and Research (can be met by CHEM 125)	3	Philosophy and Ethics	3	
ENGL 110C	3	ENGL 211C, 221C, or 231C	3	
Language and Culture I (May be waived, see catalog )	3	Language and Culture II (May be waived, see catalog )	3	
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>		
STEM 101	1	STEM 102	1	
YEAR 2 - SOPHOMORE (40 CREDITS)				
FALL SEMESTER (15 credits)		SPRING SEMESTER (16 credits)		SUMMER (9 credits)
<u>Major Coursework:</u>		<u>Major Coursework:</u>		
CHEM 211 & CHEM 212	5	PHYS 231N	4	Human Behavior
MATH 211	4	CHEM 213 & 214	5	Human Creativity
COMM 101R	3	MATH 212	4	Interpreting the Past
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>		
STEM 201	3	STEM 202	3	
YEAR 3 - JUNIOR (38 CREDITS)				
FALL SEMESTER (17 credits)		SPRING SEMESTER (16 credits)		SUMMER (5 credits)
<u>Major Coursework:</u>		<u>Major Coursework:</u>		
PHYS 232N	4	CHEM 449	3	CHEM 333 & 334W
CHEM 441	3	CHEM 332W	2	
CHEM 351	3	CHEM 321 & 322	5	
MATH 312	4	Literature	3	
CHEM 331	3	<u>Professional Education Coursework:</u>		
		CHEM 468	3	
YEAR 4 - SENIOR (30-32 CREDITS)				
FALL SEMESTER (15-17 credits)		SPRING SEMESTER (15 credits)		
<u>General Education Coursework:</u>		<u>Major Coursework:</u>		
Impact of Technology	3	STEM 485	9	
<u>Major Coursework:</u>		CHEM 415, 439, 443, or 451		
CHEM 421 & 422	6		3	
CHEM 485	1	<u>Professional Education Coursework:</u>		
CHEM 352 or 442W	2-4	STEM 402	3	
<u>Professional Education Coursework:</u>				
STEM 401	3			

Language and Culture may be waived, see ODU catalog for exemptions.

Note: Upper division general education is satisfied through the Professional Education Core Courses.

Requirements for graduation include a minimum cumulative grade point average of 2.75 GPA, in the major area, and in the professional education core, with no grade less than a C in the major and C- in the professional education core; successful completion of the Teacher Candidate Internship and a minimum of 135 credit hours, which must include both a minimum of 34 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 221C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.